



**MONTANA STATE HOSPITAL  
POLICY AND PROCEDURE**

**STANDING ORDER:  
DRUG GUIDELINES FOR LAB**

**Effective Date:** August 22, 2006

**Policy #:** PS-05

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- I. PURPOSE:** To ensure standardization for testing patients, who are taking anticonvulsant, antipsychotic, or other specific drugs which require laboratory work.
- II. POLICY:** Any patient taking an anticonvulsant, antipsychotic, or other specific drugs should have the levels and/or labs monitored at routine intervals
- III. DEFINITIONS:** None
- IV. RESPONSIBILITIES:**
  - A. Physicians are responsible for following these guidelines. If the physician believes the patient is stable, these laboratory tests may be checked less frequently. Minimum requirements are yearly.
- V. PROCEDURE:**
  - A. See Attachment A.
- VI. REFERENCES:** None
- VII. COLLABORATED WITH:** Medical Staff
- VIII. RESCISSIONS:** #PS-05 *Standing Order: Drug Guidelines for Lab* dated June 5, 2003; #PS-05, *Standing Order: Drug Guidelines for Lab* dated February 14, 2000; H.O.P.P. #PS-03-97-N *Standing Order: Drug Guidelines for Lab*, July 21, 1997
- IX. DISTRIBUTION:** All hospital policy manuals.
- X. REVIEW AND REISSUE DATE:** August 2009
- XI. FOLLOW-UP RESPONSIBILITY:** Medical Director
- XII. ATTACHMENTS:** Attachment A – [Standing Order: Drug Guidelines for Lab](#)

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Ed Amberg  
Hospital Administrator

Date

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Thomas Gray, MD  
Medical Director

Date

Drug	Predose Baseline	Initial Drug Level or Interacting Drug	Short Term	Long Term
<b>Anticonvulsants</b>				
<b>Carbamazepine (Tegretol)</b>	CBC, chem. profile	10 – 14 days	Every 6 months: CBC, LFT, drug level	
<b>Phenobarbital</b>	CBC, chem. profile			
<b>Phenytoin (Dilantin)</b>	CBC, chem. profile	after 7 days		
<b>Valproic Acid (Depakene, Depakote)</b>	CBC, chem. profile	5 days	Every 6 months: CBC, LFT, drug level	
<b>Other Psychotropics</b>				
<b>Clozapine (Clozaril)</b>	CBC, chem. profile, ECG	measure drug levels only if patient not responding to tx or if dosage is excessively high	CBC weekly for 6 months, then every 2 weeks, monthly after 1 year	
<b>Lithium</b>	CBC, chem. profile, TSH	7 days	Every 6 months: drug level, lytes serum, creatinine	TSH yearly
<u>Miscellaneous Drugs</u>				
<b>Cholesterol lowering drugs (HMG-COA reductase inhibitors)</b>	LFT		repeat LFT in 12 weeks	lipid profile yearly
<b>Digoxin (Lanoxin)</b>	ECG	as indicated		
<b>Isoniazid (INH)</b>	LFT			
<b>Synthroid</b>	TSH		TSH in 6 weeks	TSH yearly
<b>Theophylline (Theodur)</b>		as indicated		
<b>Warfarin (Coumadin)</b>	Baseline PT/INR	PT/INR as indicated	PT/INR as indicated monthly	